

Appl. No. 09/706,188
Amdt. Dated August 26, 2004
Reply to Office action of April 26, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 - 13 (canceled)

Claim 14 (currently amended) An electrical/mechanical converter module comprising: an input for an electrical signal to be converted into a mechanical output signal, said input having an input impedance, and

an impedance control input, wherein a control signal is applied to said control input for controlling said input impedance and said impedance is controlled to adapt said module to any one of a plurality of electrical signal output devices having different electrical characteristics.

Claim 15 (previously presented) The converter module of claim 14, further comprising an electrical/mechanical converter with an inductive driver arrangement, said input impedance comprising an impedance of said driver arrangement.

Claim 16 (previously presented) The converter module of claim 15, wherein said driver arrangement comprising at least two inductance, said control input controlling activation of at least one of said at least two inductance as a driver inductance.

Claim 17 (previously presented) The converter module of claim 14, wherein said input impedance being defined by at least two discreet impedance elements, said control input controlling interconnection of said at least two discreet impedance elements.

Claim 18 (previously presented) The converter module of claim 14, wherein said input impedance comprises at least one inductance.

Claim 19 (currently amended) The converter module of claim [1] 14, wherein said input impedance comprising at least two inductances, said control input controlling interconnection of said at least two inductances.

Claim 20 (currently amended) A hearing device comprising:

an electrical/mechanical output converter, wherein said electrical /mechanical output converter is included into an electrical/mechanical converter module with an input for an electrical signal to be converted into a mechanical output signal, said input having an input impedance,

said module further having an impedance control input, wherein a control signal is applied to said control input for controlling said input impedance and said impedance is controlled to adapt said module to any one of a plurality of electrical signal output devices having different electrical characteristics.

Claim 21 (previously presented) The hearing device of claim 20, wherein said converter has an inductive driver arrangement, said input impedance of said module comprising an impedance of said inductive driver arrangement.

Claim 22 (previously presented) The hearing device of claim 21, wherein said driver arrangement comprises at least two inductances, said control input controlling activation of at least one of said at least two inductances as a driver inductance.

Claim 23 (previously presented) The hearing device of claim 20, wherein said input impedance of said module comprises at least two discreet impedance elements, said control input to said module controlling interconnection of said at least two discreet impedance elements.

Claim 24 (previously presented) The hearing device of claim 20, wherein said input impedance of said module comprises at least one inductance.

Claim 25 (previously presented) The hearing device of claim 20, wherein said input impedance of said module comprises at least two inductances, said control input controlling interconnection of said at least two inductances.

Claim 26 (previously presented) The hearing device of claim 20, further comprising a digital signal processing unit with a control output being operationally connected to said control input.

Claim 27 (previously presented) The hearing device of claim 20, wherein said control input of

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said module is operationally connected to a manually operatable control member.

Claim 28 (currently amended) A method of manufacturing a set of hearing devices, comprising the step of:

providing a first part of each of said hearing devices with an output for an electrical signal to be electrically/mechanically converted;

providing to each device of said set an equal electrical/mechanical converter module with an input for an electrical signal to be electrically/mechanically converted, said input having an input impedance, said module having an impedance control input, wherein a control signal is applied to said control input for controlling said input impedance and said impedance is controlled to adapt said module to any one of a plurality of said first parts having different electrical characteristics;

operationally connecting at each device of said set the output of said first part to the input of said module; and

adapting each of said modules respectively to individual needs of the respective device by adapting said input impedance of said module via said control input.